

RNF-100-3/4-BK-STK Product Details



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TE Internal Number: 5053242179



Heat Shrink Tubing

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Heat Shrinkable Tubing
- Product Name = RNF-100
- Product Source = U.S.
- Flexible
- Thin Wall Style

Documentation & Additional Information

Product Drawings:

- [Customer Drawing \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [RAYCHEM_TUBING_CATALOG_PRODUCTS_R \(PDF, English\)](#)

Product Specifications:

- [THERMOFIT RNF-100 TUBING Polyolefin, Flexible, Heat-... \(PDF, English\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- **Product Type** = Heat Shrinkable Tubing
- **Color** = Black

Electrical Characteristics:

- **Recovered ID, Max.** (mm [in]) = 9.50 [0.374]

Dimensions:

- **Expanded ID, Min.** (mm [in]) = 19.05 [0.750]
- **Cut Length (mm [in])** = 1220.00 [48.068]

Body Features:

- **Product Name** = RNF-100
- **Pliancy** = Flexible
- **Wall Style** = Thin
- **Wall Type** = Single
- **Material** = Crosslinked Polyolefin
- **Shrink Ratio** = 2:1
- **Fluid Type** = Aviation Fuel, Brake Fluid, Chemicals/Solvents, Hydraulic Fluid, Lubricating Oil, Water
- **Resistant To** = Abrasion, Fluids, Mechanical Damage, Strain
- **Wall Thickness - Full Recovery (Nominal)** (mm [in]) = 0.76 [0.030]

Housing Features:

- **Material Systems** = Yes
- **Material Systems Code** = 10

Industry Standards:

- **Government/Industry Qualification** = Yes
- **Government/Industry Part Number** = M23053/5-109-0
- **Flammability Rating Type** = Flame-Retardant
- **UL Rating** = Recognized
- **CSA Certified** = Yes
- **Approved Standards** = CSA LR31929, SAE AMS-DTL-23053/5 Class 1, UL E35586
- **RoHS/ELV Compliance** = RoHS compliant, ELV compliant
- **Lead Free Solder Processes** = Not relevant for lead free process
- **RoHS/ELV Compliance History** = Always was RoHS compliant

Printer/Label Features:

- **Voltage Rating (kV)** = 0.6

Environmental:

- **Fluid Resistance** = Splash Protection
- **Operating Temperature (°C)** = -55 - +135

Conditions for Usage:

- **Full Recovery Temperature (°C)** = 121
- **Shrink Temperature, Min. (°C)** = 95
- **High Temperature Compatible** = No

Operation/Application:

- **Application** = Cable Jacketing, Color Coding, Identification, Insulation and Protection, Wire Bundling, Wire Protection Sleeve
- **Emission Free** = No
- **Product Use** = Cables, Harnesses, Wire Terminations

Packaging Features:

- **Packaging Method** = Stick

Product Availability:

- **Product Source** = U.S.

Other:

- **Brand** = Raychem